

FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office

Atty.  
Dkt. No.

M#

Client Ref.

0308872

OS-007-DIV

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: BOETTCHER et al.

Div of Appln. No.: 10/022,360, filed Dec 20, 2001

Filing Date: April 12, 2004

Date: April 12, 2004

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of

4

Examiner: Unassigned

Group Art Unit: Unassigned

## U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>unc</i>	AR	4,589,285	05/1986	Savit			
	BR	5,022,730	06/1991	Cimimi et al.			
	CR	5,208,819	05/1993	Huber			
	DR	5,380,995	01/1995	Udd et al.			
	ER	5,392,117	02/1995	Belleville et al.			
	FR	5,394,415	02/1995	Zucker et al.			
	GR	5,397,891	03/1995	Udd et al.			
	HR	5,401,956	03/1995	Dunphy et al.			
	IR	5,430,574	07/1995	Tehrani			
	JR	5,591,965	01/1997	Udd			
	KR	5,612,805	03/1997	Fevrier et al.			
	LR	5,673,129	09/1997	Mizrahi			
	MR	5,680,489	10/1997	Kersey			
	NR	5,691,989	11/1997	Rakuljic et al.			
	OR	5,706,301	01/1998	Lagerström			
	PR	5,712,717	01/1998	Hamel et al.			
	QR	5,748,349	05/1998	Mizrahi			
	RR	5,754,321	05/1998	Giles et al.			
	SR	5,771,112	06/1998	Hamel et al.			
	TR	5,778,118	07/1998	Sridhar			
	UR	5,780,843	07/1998	Cliché et al.			
	VR	5,818,585	10/1998	Davis et al.			
	WR	5,825,792	10/1998	Villeneuve et al.			
	XR	5,838,437	11/1998	Miller et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
	YR					
	ZR					

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>unc</i>	AAR	Derickson, Dennis, "Fiber Optic Test and Measurement", Hewlett Packard Co., 1998, pp. 95-109.				
	BBR					

Examiner

Date Considered: 10-21-04

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>mtc</i>	CCR 5,889,901	03/1999	Anderson et al.			
	DDR 5,892,582	04/1999	Bao et al.			
	EER 5,915,051	06/1999	Damask et al.			
	FFR 5,915,052	06/1999	Ball			
	GGR 5,953,141	09/1999	Liu et al.			
	HHR 5,956,355	09/1999	Swanson et al.			
	IIR 5,963,567	10/1999	Veselka et al.			
	JJR 5,982,962	11/1999	Koops et al.			
	KKR 5,987,197	11/1999	Kersey			
	LLR 5,991,476	11/1999	Baney et al.			
	MMR 5,995,255	11/1999	Giles			
	NNR 6,008,920	12/1999	Hendrix			
	OOR 6,035,080	03/2000	Henry et al.			
	PPR 6,044,189	03/2000	Miller			
	QQR 6,069,719	05/2000	Mizrahi			
	RRR 6,072,567	06/2000	Sapack			
	SSR 6,097,487	08/2000	Kringlebotn et al.			
	TTR 6,111,681	08/2000	Mizrahi et al.			
	UUR 6,115,122	09/2000	Bao et al.			
	VVR 6,118,530	09/2000	Bouevitch et al.			
	WWI 6,128,427	10/2000	Espindola et al.			
	XXR 6,134,003	10/2000	Tearney et al.			
	YYR 6,154,590	11/2000	Jin et al.			
	ZZR 6,185,023	02/2001	Mizrahi			
	AAA 6,188,499	02/2001	Majima			
	BBB 6,201,909	03/2001	Kewitsch et al.			
	CCC 6,208,443	03/2001	Liu et al.			
<i>✓</i>	DDD 6,249,365	06/2001	Mizrahi et al.			
	EEE					

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)				
FFFF				

Examiner <i>mtc</i>	Date Considered: 10-21-04
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<i>mmc</i>	GGG 5,042,898	08/1991	Morey et al			
	HHH 5,159,601	10/1992	Huber			
	IIIR 5,367,589	11/1994	MacDonald et al			
	JJJR 5,384,884	01/1995	Kashyap et al			
	KKK 5,469,520	11/1995	Morey et al			
	LLLR 5,557,468	09/1996	Ip			
	MMN 5,608,562	03/1997	Delavaux et al			
	NNN 5,655,040	08/1997	Chesnoy et al			
	OOO 5,680,491	10/1997	Shigematsu et al			
	PPP 5,691,999	11/1997	Ball et al			
	QQQ 5,694,501	12/1997	Alavie et al			
	RRR 5,719,971	02/1998	Smith			
	SSS 5,751,243	05/1998	Turpin			
	TTT 5,784,191	07/1998	Wood			
	UUU 5,793,907	08/1998	Jalali et al			
	VVV 5,805,751	09/1998	Kewitsch et al			
	WW 5,974,206	10/1999	Bricheno et al			
	XXX 5,982,963	11/1999	Feng et al			
	YYY 5,987,200	11/1999	Fleming et al			
	ZZZ 5,999,671	12/1999	Jun et al			
	AAA 6,055,348	04/2000	Jin et al			
	BBB 6,055,081	04/2000	Koyano et al			
	CCC 6,088,088	07/2000	Fortenberry			
<i>✓</i>	DDD 6,104,515	08/2000	Cao			

**FOREIGN PATENT DOCUMENTS**

Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
				Enclosed	No
EEE					
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OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

GGG			
HHH			

Examiner *initial of Cao* Date Considered: *10.21.04*

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<b>U.S. PATENT DOCUMENTS</b>						
Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>mtc</i>	IIIR 6,122,418	09/2000	Ellis			
	JJJJ 6,137,924	10/2000	Strasser et al			
	KKK 6,141,470	10/2000	Espindola et al			
	LLLL 6,148,127	11/2000	Adams et al			
	MMN 6,154,588	11/2000	Kai			
	NNN 6,061,483	05/2000	Laming et al			
	OOO 6,157,477	12/2000	Robinson			
	PPP 6,169,829	01/2001	Laming et al			
<i>✓</i>	QQQ 6,169,831	01/2001	Adams et al			
	RRR					
	SSS					
<b>FOREIGN PATENT DOCUMENTS</b>						
	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
	TTT					
	UUU					
<b>OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)</b>						
<i>mtc</i>	VVV	Dynamic Dispersion Compensation Using Bandwidth Tunable fiber Bragg Gratings, S.T. Vohra et al.				
<i> </i>	WW	IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 11, No. 7, July 1999, Electrically Tunable Power Efficient Dispersion Compensating Fiber Bragg Grating, Benjamin J. Eggleton et al, pages 854 - 856 and 765 & 766.				
<i> </i>	XXX	JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. 17, No. 7, July 1999, Bragg Grating Fast tunable Filter for Wavelength Division Multiplexing, Alessandro Iocco et al, pages 1217 - 1221.				
<i> </i>	YYY	Dispersion cancellation linearly chirped Bragg grating filters in optical waveguides, Francois Ouellette, October 1987/Vol. 12, No. 10, OPTICS LETTERS, pages 847 - 849.				
<i>✓</i>	ZZZ	JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. 17, No. 7, July 1999, General Optical All-Pass Filter Structures for Dispersion Control in WDM Systems, G. Lenz et al, pages 1248 - 1254.				
	AAA					
Examiner <i>Michael A. Caley</i>				Date Considered: 10-21-04		
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